

**CRANE DIVISION
NAVAL SURFACE WARFARE CENTER
MICROWAVE SYSTEMS DIRECTORATE
NIGHT VISION/& CHEM/BIO SENSORS DEPARTMENT**

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**STATEMENT OF WORK
FOR
SHIPPING CONTAINER System**

1.0 1.0 SCOPE. This Statement of Work (SOW) sets forth the United States Special Operations Command (USSOCOM) requirements for the procurement of a Shipping Container System. This SOW provides for the procurement, and the Build-to-Print for the Shipping Container System.
Special Operations Forces (SOF) has a requirement for a Shipping Container System to be utilized with the SOFLAM laser designator. Evaluation will be judge against the requirements of the Shipping Container System, Part Number 6982852.

2.0 2.0 LISTING OF APPLICABLE DOCUMENT. The following drawings and standards form a part of this SOW to the extent specified herein. Unless otherwise specified, the issues of these documents are those listed in the latest issue of the Department of Defense Index of Specifications and Standards (DODISS) and supplement thereto.

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2.1 Military Drawings.

7538169 Shipping Container System

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2.2 2.2 Military Standards

MIL-STD 129P Military Marking for Shipment and Storage dtd 15 Dec 02

2.3 Non-Government Standards and Other Publications

ANSI/ASQC Q9001 Quality Systems – Model for Quality Assurance in Design/Q9000:1994 Development, Production, Installation and Servicing

2.4 Order of Precedence. In the event of a conflict between the text of this document and the references cited herein, the text of this document shall take precedence. Nothing in this document shall supersede applicable Federal, State, or Local Laws and regulations unless a specific exemption has been obtained.

2.5 Availability of DoD Documents. Government specifications, standards and handbooks are available from the Standardization Document Order Desk, 700 Robbins Avenue, Building 4D, Philadelphia, PA 19111-5094. Non-Government Publications are available from the National Standards Institute, 11 West 42nd Street, New York, NY 10036.

3.0 REQUIREMENTS.

3.1 3.1 General. The Contractor shall provide production of the shipping container system in accordance with (IAW) the performance requirements contained in the Drawings referenced in paragraph 2.1.

3.1.1 Labels. The Contractor shall provide labels on the outside of the shipping container system to read:

Shipping Container System
Shipping and Storage of the AN/PEQ-1A and the AN/PEQ-1B, Laser Marker
NSN 8145-01-477-7845
Navy P/N (53711) 6982852
Property of U.S. Government

3.2 3.2 QUALITY.

3.2.1 Quality Program. The Contractor shall maintain a quality system that ensures conformance to contractual requirements and meets the requirements of ASQC Q9001, or an equivalent quality system model during performance of this contract. The Contractor shall provide the First Article to the Government to validate the build-to-print of the shipping container system.

3.3 SUPPLY SUPPORT.

3.3.1 3.3.1 Packaging, Handling, Storage and Transportation.

The Shipping Container System shall be shipped to:

Code 805E
Bldg. 3291
NSWC Crane
300 HWY 361
Crane, IN 47522

The Contractor shall ensure that when the shipping container system is packaged, it is capable of being transported on standard transportation system, commercial or military. The Contractor shall also ensure when it shall withstand, without physical damage or degradation of performance, transportation modes of commercial air, truck, and all types of Army/Navy cargo or combat vehicles as well as Naval fast Boats and Submersible Diving Vehicles (SDVs).

Labeling and marking requirements shall be IAW MIL-STD 129P.

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SHEET 1 NOTES

1. THE CASE SHOWN IN THIS DRAWING IS A WATER AND VAPORPROOF TRANSPORT CASE. IT IS A NON-HINGED ENCLOSURE. THE CASE MUST WITHSTAND THE RUGGEDNESS REQUIREMENTS OF MIL-STD-883C AND THE DESIGN REQUIREMENTS OF MIL-STD-883C.
2. MOLDED CASE MATERIAL SHALL BE PLASTIC/COLOR WHITE THERMOPLASTIC. LATCHING BAND SHALL BE CORROSION RESISTANT. THE CASE SHALL BE DESIGNED FOR A MINIMUM OF 10 YEARS OF SERVICE UNDER NORMAL WEAR AND TEAR.
3. MAXIMUM WEIGHT LIMITATIONS: EMPTY 2200 LBS. + WEIGHT OF PAYLOAD. 30 LBS. = 72 LBS. TOTAL REQUIREMENTS FOR DESIGN TESTING PER NOTE 1.
4. CASE SHALL MATCH THE INSIDE DIMENSIONS SHOWN ON THIS DRAWING SHEET 1. AS DIMENSIONS EXCEED THE NOMINAL, OUTSIDE DIMENSION SHOWN ON SHEET 2 MUST INCREASE IN THICKNESS.
5. THIS TRANSPORT CASE SHALL HAVE A MINIMUM OF TWO HANDLES ATTACH ON OPPOSITE SIDES OF THE CASE. THE HANDLES SHALL BE A SAVING FREIGHT CHEST TYPE WITH STOPS TO HOLD THE HANDLE IN A DOWN POSITION AND A PLATE WHEN IN CARRYING POSITION AND SPRING LOADED TO FOLD THE HANDLE INTO A DOWN POSITION WHEN RELEASED. SIZE AND POSITION OF THE HANDLES TO BE DETERMINED BY GROSS WEIGHT OF PAYLOAD AND CASE.
6. A MINIMUM OF TWO QUARTER TURN LATCHES SHALL BE PROVIDED ON EACH SIDE OF THE CASE. LATCHES SHALL BE OF THE GATE TYPE. THEY SHALL BE OF SUFFICIENT QUANTITY AND POSITION TO DRAW THE CASE SECTIONS TOGETHER AND SECURELY HOLD THEM IN THE CLOSED POSITION UNDER RUGGEDNESS REQUIREMENTS OF MIL-STD-883C. LATCHES SHALL FIELD FLAT AGAINST THE SIDE OF THE CASE. LATCHES SHALL BE INTEGRAL TO THE CASE.
7. THE CASE DESIGN SHALL NOT TRANSMIT STRUCTURAL LOADS TO THE CLOSURE AND SHALL LIMIT THE COMPRESSION OF THE ENCLOSURE GASKET TO 30% IN A NORMAL UPRIGHT POSITION WITH A NATURAL WATER SHED WHEN CASE IS OPEN. THE CASE SHALL BE DESIGNED TO HOLD THE GASKET FLAT AGAINST THE MINIMUM SET OR ABRASION.

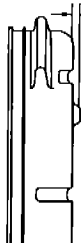
SHEET 1 NOTES CONTINUED ON SHEET 2.



BATTERY COVER

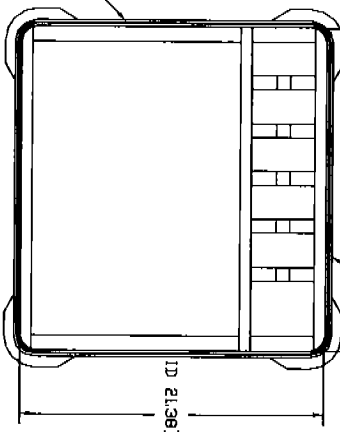
ID 22.75+1.00

CASE FRONT

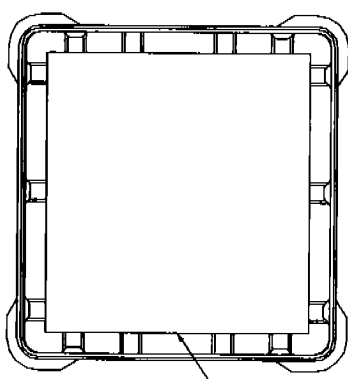


ID 4.50+1.00

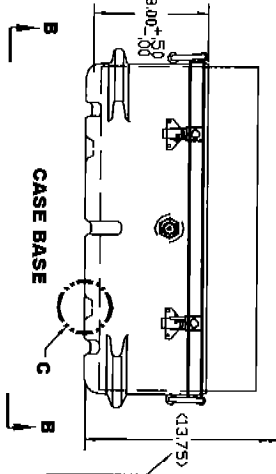
ID 21.38+1.00



CASE LID

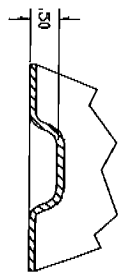


SEE PL. ON SHEET 2
LID DIMENSION SHALL BE
CENTERED IN LID.



CASE BASE

THIS DIMENSION IS THE
OVERALL HEIGHT OF CASE
WITH LID IN PLACE AND
LOCKED DOWN.



SECTION C
SCALE 1/1

VIEW A-A and B-B

CASE LOOKS THE SAME FROM THIS ANGLE

MODERN STATUS OF SHEETS			
SH	SH	SH	SH

DISTRIBUTION STATEMENT A			
Approved for public release; distribution is unlimited.			
CLASSIFICATION	UNCLASSIFIED	DATE	10-07-21-180
CONTROL	UNCONTROLLED	DATE	10-07-21-180
REMARKS	NO ACTION		

PARTS LIST			
ITEM	QTY	DATE CODE	DESCRIPTION
1	1		NAVAL SEA SYSTEMS COMMAND
2	1		SHIPPING CONTAINER
3	1		SYSTEM (SCS)

SHIPMENT INFORMATION			
SHIPMENT NO.	7538169	DATE	10-07-21-180
SHIPMENT TYPE	1/4	DATE	10-07-21-180
SHIPMENT STATUS	1	DATE	10-07-21-180

THIS DRAWING HAS BEEN GENERATED AND IS
MAINTAINED BY A CAD SYSTEM OWNED BY
THE DESIGN AUTHORITY.

SHEET 2 NOTES:

1. MATERIAL SHALL BE POLYETHYLENE FOAM, 20 LB PER CUBIC FOOT DENSITY, COLOR BLACK PER PPP-0-1792, CLASS II, GRADE A
2. ITEMS 1 THROUGH 8 SHALL BE ASSEMBLED PER DETAIL USING HEAT BONDING OR WITH EQUIVALENTLY SECURE ADHESIVE METHOD.
3. TOLERANCES FOR THIS SHEET SHALL BE:
2 PLACE DECIMALS ± .13
ANGLES ± 5°
4. FILLET RADIUS SHALL BE .06 ± .06 EXTERNAL RADIUS SHALL BE HELD TO .06 MAXIMUM.

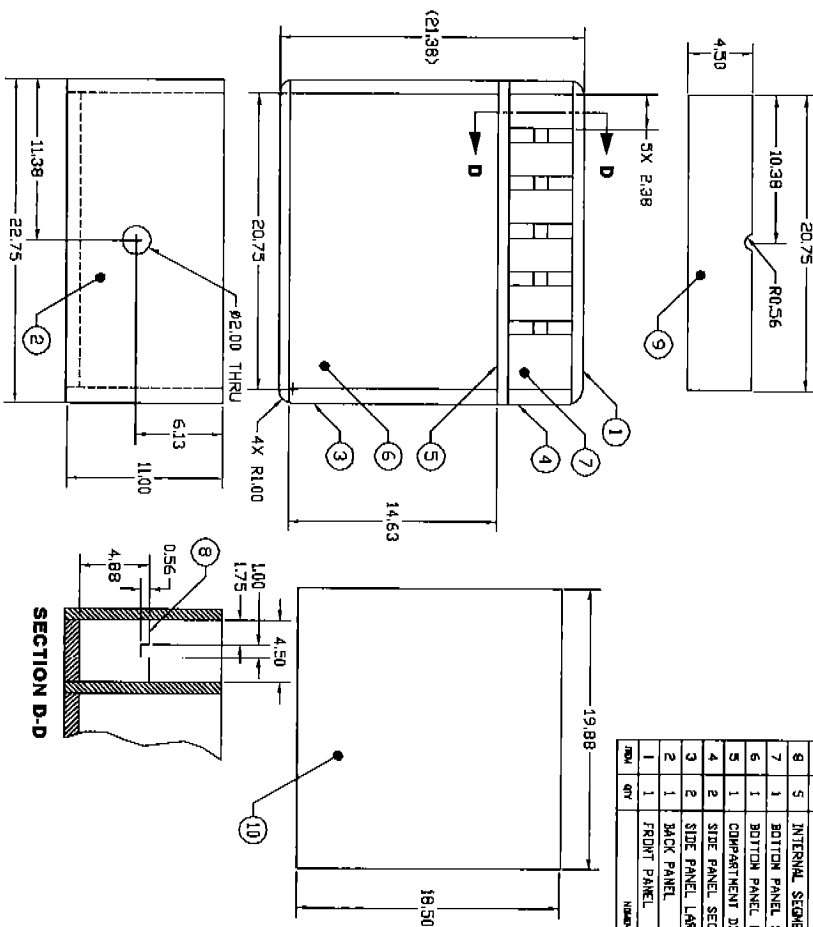
SHEET 1 NOTES (CONTINUED):

5. THE STACKING INTERFACE IS LOCATED AND DIMENSIONED ON SHEET 1 EXTRUDED ON TOP OF THE CASE AND INDENTED ON THE BOTTOM. THE LOCATION AND SIZE OF THESE FEATURES ARE IMPORTANT FOR MATING WITH ITEMS ALREADY IN SERVICE. THE INTERFACE SHALL INSURE A STABLE STACKING CONFIGURATION WITH MINIMUM MOVEMENT IN ANY DIRECTION.
6. A MANUAL VACUUM AND PRESSURE RELIEF VALVE SHALL BE INSTALLED ON THE CASE. THIS VALVE SHALL BE PROVIDED TO EQUALIZE THE PRESSURE INSIDE AND OUTSIDE THE CASE. THE VALVE SHALL BE POSITIONED OR RECESSED ON THE CASE TO PREVENT DAMAGE AND ACCIDENTAL OPENING.
7. STENCIL ON TOP OF CASE PER MIL-STD-130 THE FOLLOWING NOTES IN BLACK 1/4" HIGH LETTERS THE FOLLOWING NOTES:
"DO NOT REMOVE ITEM UNTIL READY FOR USE. REUSABLE-DO NOT REUSE ANY COMPONENTS. THIS CONTAINER MUST BE RETURNED TO SUPPLY AT TIME OF EQUIPMENT EXCHANGE OR WHEN NOT IN USE."
ON TOP AND LEFT SIDE OF LID:
"NSN 8445-01-477-7845"
PROPERTY OF U.S. GOV'T.
ON SIDE NOTED CASE AND LID:
"FRODO"
8. ATTACH CORROSION RESISTENT PHOTOGRAPHIC TAG TO SLIT INDICATED. TAG SHALL MEASURE 4.00" X 4.00" USING 5/16" HIGH LETTERING.

SHIPPING AND STORAGE

OF THE CASE/RECEIVER AND THE AN/PIC-19 LASER MARKER NSN 8445-01-477-7845 NAVY P/N 659710 6982892 PROPERTY OF U.S. GOV'T.
LETTERING SHALL BE LINE BROKE AS SHOWN. LINES OF TEXT SHALL BE CENTERED.

9. SUGGESTED SOURCES OF SUPPLY:
THERMOPNE INTERNATIONAL LTD.
1544 BUSINESS PARKWAY
ONTARIO, CA 91761
HARDING CASES DIVISION
HARDING INDUSTRIES, INC.
47 NORTH MAIN STREET
SOUTH DEERFIELD, MA 01373-0201



ITEM	QTY	DESCRIPTION	REMARKS
10	1	LID CUSHION	1 INCH THICK
9	1	TOP COVER FOR SEGMENTED COMPARTMENT	0.50 INCH THICK
8	5	INTERNAL SEGMENT DIVIDER	1 INCH THICK
7	1	BOTTOM PANEL SEGMENTED COMPARTMENT	1 INCH THICK
6	1	BOTTOM PANEL LARGE COMPARTMENT	1 INCH THICK
5	1	COMPARTMENT DIVIDER	0.75 INCH THICK
4	2	SIDE PANEL SEGMENTED COMPARTMENT	1 INCH THICK
3	2	SIDE PANEL LARGE COMPARTMENT	1 INCH THICK
2	1	BACK PANEL	0.75 INCH THICK
1	1	FRONT PANEL	0.75 INCH THICK

DRAWING OF THE ITEM		ITEM NO. 7538169	
DATE: 1/74		REV: 2	
DRAWN BY: D53711		CHECKED BY: 7538169	
DATE: 1/74		REV: 2	